



## AXQJ-EMC 0,6/1kV



Halogen-fre  
e



LSHF



90°C max



-25°C min

AXQJ-EMC 0,6/1 kV is a halogen-free, flame-retardant power cable with optional EMC shielding. Engineered for safe and reliable performance in demanding installation environments. It is intended for fixed open installation both indoors and outdoors, and can be laid in soil, air, water, as well as in ducts and conduits.

The cable features sector-shaped aluminum conductors in sizes from 50 mm<sup>2</sup> to 300 mm<sup>2</sup>, ensuring efficient current transmission and optimized space utilization. For enhanced operational reliability, it is equipped with an annealed copper wire screen in a counter-helix design, providing excellent electromagnetic shielding and dependable grounding.

AXQJ 0,6/1 kV is a robust and trusted solution for professional power distribution and infrastructure projects where fire safety and high performance are essential.

## APPLICATION

AXQJ EMC is a halogen-free, flame-retardant power cable rated 0.6/1 kV for fixed open installation indoors and outdoors, in ground, air, and water, as well as in ducts and conduits.

The conductor is sector-shaped aluminium, with cross-sectional areas from 50 mm<sup>2</sup> to 300 mm<sup>2</sup>.

The cable is equipped with a screen of annealed copper wires with a fully covering copper tape. Available without EMC.

## STANDARDS

### Construction

HD 603 part 5-AB  
SS 424 14 18

## STANDARDS

### Marking

SS 424 17 20

### Conductor

IEC 60228 Class 2

## PROPERTIES

### CPR class

Dca-s2,d2,a1

### Max temperature

90 °C

### Min. temperature

-20 °C

### AC Voltage rating U<sub>0</sub>/U (U<sub>m</sub>)

0,6/1,0 (1,2)kV

### AC Voltage rating U<sub>0</sub>/U

0,6/1kV



Name	Outer diameter [mm]	Total weight [kg/km]	Max resistance of conductor @20°C [Ω/km]	Max resistance of conductor @20°C	Std. Length [m]	Packaging
AXQJ-EMC 3x50/16-AS 0018470	26.1	0.82			Cut length	Inquiry
AXQJ-EMC 3x50/16-AS 0018475	26.1	0.82			500	K12
AXQJ-EMC 4x50/16-AS 0018480	29.2	1.03			Cut length	Inquiry
AXQJ-EMC 4x50/16-AS 0018485	29.2	1.03			500	K12
AXQJ-EMC 4x50/29-AS 0018490	29.2	1.14			Cut length	Inquiry
AXQJ-EMC 4x50/29-AS 0018495	29.2	1.14			500	K14
AXQJ-EMC 3x70/21-AS 0018500	29.3	1.17			Cut length	Inquiry
AXQJ-EMC 3x70/21-AS 0018505	29.3	1.17			500	K12
AXQJ-EMC 4x70/21-AS 0018510	32.7	1.44			Cut length	Inquiry
AXQJ-EMC 4x70/21-AS 0018515	32.7	1.44			500	K14
AXQJ-EMC 3x95/29-AS 0018520	32.7	1.46			Cut length	Inquiry
AXQJ-EMC 3x95/29-AS 0018525	32.7	1.46			500	K14
AXQJ-EMC 4x95/29-AS 0018530	36.4	1.82			Cut length	Inquiry
AXQJ-EMC 4x95/29-AS 0018535	36.4	1.82			500	Drum
AXQJ-EMC-4x95/57-AS 0018540	36.4	2.09			Cut length	Inquiry
AXQJ-EMC-4x95/57-AS 0018545	36.4	2.09			500	Drum
AXQJ-EMC 3x120/41-AS 0018550	36.9	1.92			Cut length	Inquiry
AXQJ-EMC 3x120/41-AS 0018555	36.9	1.92			500	Drum
AXQJ-EMC 4x120/41-AS 0018560	40.8	2.36			Cut length	Inquiry
AXQJ-EMC 4x120/41-AS 0018565	40.8	2.36			500	K18
AXQJ-EMC 3x150/41-AS 0018570	40.8	39.9			Cut length	Inquiry

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Name	Outer diameter [mm]	Total weight [kg/km]	Max resistance of conductor @20°C [Ω/km]	Max resistance of conductor @20°C	Std. Length [m]	Packaging
AXQJ-EMC 3x150/41-AS 0018575	40.8	39.9			500	Drum
AXQJ-EMC 4x150/41-AS 0018580	44.8	2.74			Cut length	Inquiry
AXQJ-EMC 4x150/41-AS 0018585	44.8	2.74			500	Drum
AXQJ-EMC 4x150/88-AS 0018590	45.52	2.86			Cut length	Inquiry
AXQJ-EMC 4x150/88-AS 0018595	45.52	2.86			500	Drum
AXQJ-EMC 3x185/57-AS 0018600	44.18	2.77			Cut length	Inquiry
AXQJ-EMC 3x185/57-AS 0018605	44.18	2.77			500	Drum
AXQJ-EMC 4x185/57-AS 0018610	49.2	3.43			Cut length	Inquiry
AXQJ-EMC 4x185/57-AS 0018615	49.2	3.43			500	K22
AXQJ-EMC 3x240/72-AS	50.32	3.54				Inquiry
AXQJ-EMC 3x240/72-AS 0018620	50.32	3.54			Cut length	Inquiry
AXQJ-EMC 3x240/72-AS 0018625	50.32	3.54			500	K22
AXQJ-EMC 4x240/146-AS 0018630	55.68	4.99			Cut length	Inquiry
AXQJ-EMC 4x240/146-AS 0018635	55.68	4.99			500	K22
AXQJ-EMC 4x240/72-AS 0018660	54.92	4.36			Cut length	Inquiry
AXQJ-EMC 4x240/72-AS 0018665	54.92	4.36			500	K22
AXQJ-EMC 3x300/88-AS 0018640	51.16	4.29			Cut length	Inquiry
AXQJ-EMC 3x300/88-AS 0018645	51.16	4.29			500	Drum
AXQJ-EMC 4x300/88-AS 0018650	60.7	5.38			Cut length	Inquiry

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Name	Outer diameter [mm]	Total weight [kg/km]	Max resistance of conductor @20°C [Ω/km]	Max resistance of conductor @20°C	Std. Length [m]	Packaging
AXQJ-EMC 4x300/88-AS 0018655	60.7	5.38			500	Drum

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